

11/16/01

11-27-01

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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	KSC-12190-1
First Inventor	Tito Viswanathan
Title	Ferromagnetic Conducting Lignosulfonate Acid-Doped Polyaniline Nanocomposites
Express Mail Label No.	ET346435510US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 30]
(Preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
- Oath or Declaration [Total Pages]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 [X] Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: Cover Letter

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.:
Prior application information.			Examiner
			Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below
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Name	Randall M. Heald, Assistant Chief Counsel/Patent Counsel				
Address	National Aeronautics & Space Administration				
	Mail Code: CC-A/John F. Kennedy Space Center				
City	Kennedy Space Center	State	FLORIDA	Zip Code	32953
Country	U.S.A.	Telephone	321-867-7214	Fax	867-1817

Name (Print/Type)	RANDALL M. HEALD	Registration No. (Attorney/Agent)	28,561
Signature	<i>Randall Heald</i>	Date	11/16/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



National
Aeronautics and
Space
Administration

Patent Application

KSC-12190-1

(NASA Case No.)

Letter Transmitting Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

Transmitted herewith for filing is the Patent Application of:

Applicant: Tito Viswanathan et al.

Inventor(s): Tito Viswanathan et al.

Entitled: Ferromagnetic Conducting Lignosulfonic Acid-Doped Polyaniline Nanocomposites

Enclosed are:

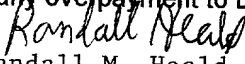
- | | |
|--|---|
| <input checked="" type="checkbox"/> Specification and claims | <input checked="" type="checkbox"/> <u>3</u> sheets of drawing. |
| <input type="checkbox"/> Declaration | <input type="checkbox"/> Power of Attorney |
| <input type="checkbox"/> Assignment of the invention to the National Aeronautics and Space Administration. | |
| <input type="checkbox"/> License of the invention to the National Aeronautics and Space Administration. | |
| <input type="checkbox"/> Application Data Sheet | |
| <input type="checkbox"/> Preliminary Amendment | |
| <input checked="" type="checkbox"/> Information Disclosure Statement | |
| <input checked="" type="checkbox"/> Nonpublication Request and Certification (PTO/SB/35 or equivalent) | |
| <input type="checkbox"/> International application under the PCT. (See PCT/RO/101,XII checklist.) | |

The fee has been calculated as shown below:

CLAIMS FILED				
FOR (1)	NUMBER		RATE (4)	FEE (5)
	FILED (2)	EXTRA (3)		
TOTAL CLAIMS	20	= 55	x 18.0 =	\$990.00
INDEPENDENT CLAIMS	3	= 3	x 80.0 =	\$240.00
BASIC FEE (Minimum amount required)				\$710.00
TOTAL FILING FEE				\$1,940.00

Please charge our Deposit Account No. 14-0116 in the amount shown as the total filing fee. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

November 16, 2001
(Date)


Randall M. Heald, Reg. No. 28,561
(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing a new or original application.

NASA FORM 1556 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.

PTO/SB/35 (11-00)

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U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

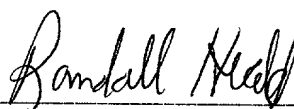
First Named Inventor	Tito Viswanathan	
Title	Ferromagnetic Conducting Lignosulfonic Acid-Doped Polyaniline Nanocomposites	
Atty Docket Number	KSC-12190-1	

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

11/16/01

Date



Signature

Randall M. Heald, Reg. No. 28,561

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement. This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Tito Viswanathan et al
Serial No.:	Unknown
Filed:	Herewith
Title:	Ferromagnetic Conducting Lignosulfonic Acid-Doped Polyaniline Nanocomposites

LETTER

Commissioner of Patents
and Trademarks
Washington, DC 20231

Sir:

The enclosed application is being filed in accordance with 37 CFR 1.7, 1.10 and 1.53(b) in order to obtain a filing date of **November 16, 2001**. The application is being sent by EXPRESS MAIL "Post Office to Addressee" under Certificate ET346435510US.

Respectfully submitted,

Randall Heath

Randall M. Heald, Reg. No. 28,561
Patent Counsel

Mailing Address:

Patent Counsel
Office of Chief Counsel
NASA, John F. Kennedy Space Center
Mail Code: CC-A
Kennedy Space Center, Florida 32899
Telephone (407) 867-7214

I hereby certify that the attached application "Ferromagnetic conducting Lignosulfonic Acid-Doped Polyaniline Nanocomposites" is being deposited with the United States Postal Service on **November 16, 2001**, as Express Mail "Post Office to Addressee" under Certificate No. ET346435510US in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231.

Carol Anne Ryan

Carol Anne Dunn
Paralegal Specialist